**The Element Project**

For this project you will work in pairs to research an element randomly selected from the periodic table. You will then design a wikipage using the information that you acquire that will directly link to Mrs. Pav’s wikispace. Once all students have completed the project, the site will be used to complete a webquest which will replace a chapter 7 assessment.

To connect to the black page for your element, you must first sign on to Mrs. Pav’s wikispace (dpav.wikispaces.com), click on the 312 tab on the left, select “chemical Family Project” from the 2nd quarter topic list, and then click on your element in the periodic table. After you click on “Edit this Page” you should be able to start loading information onto the page in the form of text, clip-art, photos and/or videos. Use the resource entitled “Student Wiki Directions” on the site to help you configure your page.

Your wikipage is due by the end of class on **Thursday, January 6th**

Listed below is the required information for your element.

|  |  |
| --- | --- |
| General Information and atomic structure: | Physical properties: |
| * Name and symbol of element * Atomic number * Atomic mass (not rounded) * # of protons and # of electrons * Most common isotope * # of neutrons in most common isotope | * State of matter at room temperature * Melting point * Boiling point * Density * Abundance in the earth’s crust |
| Background: | Chemical Properties: |
| * Scientist who discovered the element * Year discovered * Origin of its name * Chemical family * Common uses | * Other Elements that will react with this element * At least two compounds that contain this element |
|  |  |
| Additional Requirements | |
| * A short paragraph about an important use of this element or one of its compounds * A minimum of two graphics (one picture of the element and a diagram of its Lewis dot structure) * List of works cited at the bottom of the page | |

**(None of the above information should be copied and pasted from internet resources)**

Calendar for the Week

|  |  |  |  |
| --- | --- | --- | --- |
| Tuesday, 1/3 | Wednesday, 1/4 | Thursday, 1/5 | Friday, 1/6 |
| Project Introduction | Project work day | Wikipage due by the end of class | Chapter 7 Review Assignment due |